

MCAQ Compliance Inspection Checklist – Coating and Printing Facilities

Industry Overview: Coating and printing facilities use various inks, paints, and solvents that result in VOC, HAP, and TAP emissions. Typical emission sources include printing presses, paint booths, dip tanks, web coating lines, spray gun cleaning and parts washers. Emission control methods are usually incineration or carbon absorption. Good work practices are essential to minimizing fugitive emissions.

Pollutants of concern: TSP, PM-10, PM-2.5, CO, VOC, SO₂, NO_x, HAPs, TAPs

Note: Refer to Specific Conditions and Limitations in the permit for additional inspection checkpoints

Inspection Points	Inspected?		Results and Comments
	Yes	No	
A. VE Observation			
1. Check for stack visible emissions. Perform Method 9 analysis if necessary.			
B. VOC Work Practices			
1. Are coating and solvent containers tightly sealed when not in use?			
2. Are solvent containing wastes (e.g. rags, sponges, etc) stored in tightly sealed containers until disposal?			
3. Are spills of solvent containing material cleaned up upon discovery?			
4. Are sponges, fabric, wood, paper products and other absorbent materials not cleaned?			
5. Are coating and solvent storage areas properly maintained?			
6. Are parts washer lids closed when not in use?			
7. When cleaning supply lines and coating equipment (e.g. mixing, blending and manufacturing vats and containers): <ul style="list-style-type: none">Are vats or containers closed before agitating the cleaning solvent?Is spent cleaning solvent drained/poured to a closed container?			
8. When cleaning parts: <ul style="list-style-type: none">Are items flushed in the freeboard area?Are precautions taken to reduce solvent pooling?Are parts properly drained and dried?Are cleaning machines filled above the fill line?Are solvents agitated to the point of causing splashing?			

9. Verify there are no other processes/equipment on site not listed on the permit.			
C. Coating, Inks, Solvents			
1. Confirm the use of any new VOC materials			
2. What materials are actively in use during the inspection?			
D. Control Equipment/Total Enclosures (TE)			
1. Check for operation of control equipment.			
2. Check status of monitoring parameters.			
3. Verify stack parameters comply with modeled limits - if applicable.			
4. Is there a TE for overspray/vapor capture?			
5. Was the TE operating as required by the permit?			
6. Has the necessary TE inspection/testing been performed?			
E. Records Review			
1. Check required monitoring, inspection and maintenance records.			

Notes:

Name / Date